

01-25-02

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Express Mail Label No. EL399799661US

01/23/02

35 U.S. PTO

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Large Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.  
DP-304112Total Pages in this Submission  
45**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**ELASTOMERIC INTUMESCENT MATERIAL**

and invented by:

**ISMAT A. ABU-ISA, 303 Sussex Fair, Rochester Hills, MI**JC868 U.S. PTO  
10/055112  
01/23/02If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 37 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications *(if applicable)*
  - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
  - d. ☐ Reference to Microfiche Appendix *(if applicable)*
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings *(if drawings filed)*
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal                      Number of Sheets 1
- b. ☐ Informal                      Number of Sheets \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)*                      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☐ With Power of Attorney                      ☒ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449                      ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing

☐ First Class                      ☒ Express Mail *(Specify Label No.):* EL399799661US

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*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☐ Additional Enclosures *(please identify below):*

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
DP-304112

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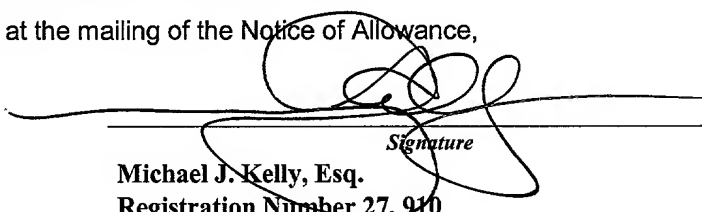
**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	58	- 20 =	38	x \$18.00	\$684.00
Indep. Claims	9	- 3 =	6	x \$84.00	\$504.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$740.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$1,928.00

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **06-1130** as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of **\$1,928.00** as filing fee.
  - ☒ Credit any overpayment.
  - ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: January 23, 2002

  
Signature  
Michael J. Kelly, Esq.  
Registration Number 27, 910  
Customer Number: 23413  
Telephone Number (860) 286 2929

CC:

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): ABU-ISA

Docket No.

DP-304112

Serial No.  
UnassignedFiling Date  
HerewithExaminer  
UnassignedGroup Art Unit  
Unassigned

Invention: ELASTOMERIC INTUMESCENT MATERIAL

I hereby certify that this UTILITY PATENT APPLICATION*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.

20231-0001 on January 23, 2002*(Date)*Leslie Moscatello*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EL399799661US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

# Cantor Colburn LLP

Intellectual Property Attorneys

55 Griffin Road South  
Bloomfield, Connecticut 06002  
phone: 860-286-2929  
fax: 860-286-0115

101 Merritt 7  
Norwalk, Connecticut 06856  
phone: 203-849-8266  
fax: 203-849-8292

e-mail: [iplaw@cantorcolburn.com](mailto:iplaw@cantorcolburn.com)  
web: [www.cantorcolburn.com](http://www.cantorcolburn.com)



Michael A. Cantor  
Philmore H. Colburn II  
Keith J. Murphy  
Leah M. Reimer, Ph.D.  
David A. Fox  
William J. Cass  
Michael J. Rye  
Pamela J. Curbelo  
Michael J. Kelly

Andrew C. Ryan  
Wayne R. Grohs  
Christopher C. Boehm  
Ross J. Christie  
Timothy J. Olson  
H. M. Bedingfield  
Steven M. Coyle  
Charles F. O'Brien  
George A. Pelletier, Jr.  
Troy J. LaMontagne  
Deborah B. Crenshaw\*  
Leonard E. Heyman  
Daniel F. Drexler  
George J. Lyman  
James J. Merrick  
Sean F. Sullivan  
Pamela S. Chestek  
Daniel E. Bruso\*  
Lisa A. Bongiovi\*  
Peter R. Hagerty\*  
Ned McMahon\*  
Anne Davis Barry  
Mark L. Cooper  
Marisa J. Dubuc  
Michael J. Chang  
Karen K. Beutel  
Christopher J. Palestro, Jr.  
Jennifer A. D'Errico\*  
Joe Y. Park\*

of counsel:  
David S. Fishman

Korean patent attorney  
Suk Heum Kwon\*

patent agent:  
J. Michael Buchanan, Ph.D.  
Karen A. Jalbert  
Patricia S. DeSimone  
Roberta L. Pelletier  
Steven M. McHugh

\*Not admitted in Connecticut

January 23, 2002

## BOX PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

Re: New United States Patent Application  
Inventor: Ismat A. Abu-Isa  
Entitled: ELASTOMERIC INTUMESCENT MATERIAL  
Attorney Docket No: DP-304112  
Filed: January 23, 2002

Sir:

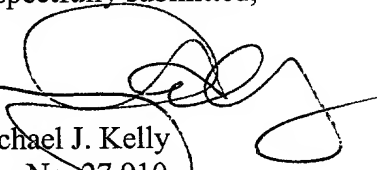
We enclose herewith:

- ☒ Patent application (37 pages), including specification (21 pages), claims (15 pages), and abstract (1 page)
- ☒ One Executed Declaration & Designation of Correspondence Address
- ☒ Transmittal letter
- ☒ Drawings: 1 sheet (formal)
- ☒ Two Acknowledgement postcards
- ☒ Certificate of Express Mail under 37 CFR 1.10

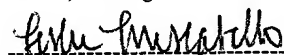
The Commissioner is hereby authorized to charge payment of the fees associated with this communication or credit any overpayment to Deposit Account No. 06-1130.

Applicant hereby petitions under 37 CFR 1.136 and other applicable rules to have the response period extended the number of months necessary to render the attached communication timely in the event a petition is required.

Respectfully submitted,

  
Michael J. Kelly  
Reg. No. 27,910

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Box Patent Application, Commissioner of Patents, Washington DC 20231, on January 23, 2002, Express Mail No. EL 399799661US.

  
Leslie Moscatello